

# SONY

3-755-303-21(1)

## Compact Disc Compact Player



# D-111

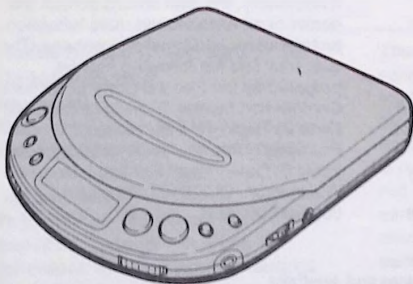
## Operating Instructions

Before operating the unit, please read this manual thoroughly and retain it for future reference.

## Owner's Record

The model and serial numbers are located at the bottom. Record the serial number in the space provided below. Refer to them whenever you call upon your Sony dealer regarding this product.

Model No. D-111      Serial No. \_\_\_\_\_



# Discman

# WARNING

**To prevent fire or shock hazard, do not expose the unit to rain or moisture.**

**To avoid electrical shock, do not open the cabinet. Refer servicing to qualified personnel only.**

## CAUTION

The use of optical instruments with this product will increase eye hazard.

## INFORMATION (For the Customers in U.S.A.)

This equipment generates and uses radio frequency energy and if not installed and used properly, that is, in strict accordance with the manufacturer's instructions, may cause interference to radio and television reception. It has been type tested and found to comply with the limits for a Class B computing device in accordance with the specifications in Subpart J of Part 15 of FCC Rules, which are designed to provide reasonable protection against such interference in a residential installation.

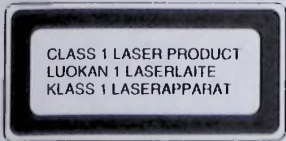
However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the

interference by one or more of the following measures:

- Reorient the receiving antenna
- Relocate the equipment with respect to the receiver
- Move the equipment away from the receiver
- Plug the equipment into a different outlet so that equipment and receiver are on different branch circuits.

If necessary, the user should consult the dealer or an experienced radio/television technician for additional suggestions. The user may find the following booklet prepared by the Federal Communications Commission helpful: "How to Identify and Resolve Radio-TV Interference Problems". This booklet is available from the U.S. Government Printing Office, Washington, DC 20402, Stock No. 004-000-00345-4.

For the Customers in the United Kingdom and Australia



CLASS 1 LASER PRODUCT  
LUOKAN 1 LASERLAITE  
KLASS 1 LASERAPPARAT

This Compact Disc player is classified as a CLASS 1 LASER product.

The CLASS 1 LASER PRODUCT label is located on the bottom exterior.

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### Notice for the Customers in the United Kingdom


#### Important

The wires in this mains lead are coloured in accordance with the following code:

Blue: Neutral

Brown: Live

As the colours of the wires in the mains lead of this apparatus may not correspond with the coloured markings identifying the terminals in your plug, proceed as follows:

The wire which is coloured blue must be connected to the terminal which is marked with the letter N or coloured black. The wire which is coloured brown must be connected to the terminal which is marked with the letter L or coloured red. Do not connect either wire to the earth terminal in the plug which is marked by the letter E or by the safety earth symbol  or coloured green or green-and-yellow.

# Precautions

## On safety

- As the laser beam used in this compact disc player is harmful to the eyes, do not attempt to disassemble the casing. Refer servicing to qualified personnel only.
- Do not put any foreign objects in the safety slot inside the disc compartment. If you do so, the laser beam may come out when the lid is opened.
- Do not put any foreign objects in the DC IN 6 V (external power input) jack.
- Should any solid objects or liquid fall into the unit, disconnect the power supply and have the unit checked by qualified personnel before operating it any further.

## On power sources

- Use the rechargeable battery pack (not supplied), batteries (not supplied), house current or a car battery.
- For AC operation: Use the AC power adaptor supplied with this unit. Do not use any other AC power adaptor as it may cause malfunction.
- For car battery operation: Use the car mount arm CPM-203PK or mount plate CPM-203P (not supplied) and car connecting pack CPA-2/CPA-3 (not supplied).
- If the unit is not going to be used for a long period of time, be sure to disconnect the power supply (AC power adaptor, batteries, rechargeable battery pack, or mount plate) from the unit. To remove the AC power adaptor from the wall outlet, grasp the adaptor itself; never pull it by the cord.

## On operation

- Since the CD system offers a wide dynamic range, the peaks of the high level inputs are recorded with high fidelity, and the noise level is very low.  
**Do not turn up the volume while listening to a part of disc with no audio signals or very low level inputs.**  
If you do so, the speakers may be damaged when the peak level of the sound is played.
- The lens on the disc table should be kept clean. Do not touch the lens or poke at it. If you do so, the lens may be damaged and the unit will not operate properly.

## On installation

- Never install the unit where it would be subjected to:
  - heat sources such as radiators or airducts.
  - direct sunlight.
  - excessive dust.
  - moisture or rain.
  - mechanical vibration or shock.
  - unlevelled surface.
- Do not place any heavy object on top of the unit.
- When the unit is used with the AC power adaptor, do not wrap the unit in a cloth, blanket, etc. If you do so, the temperature inside and outside the unit may rise considerably, resulting in malfunctioning of the unit or serious accidents.
- If the unit is brought directly from a cold to a warm location, or is placed in a very damp room, moisture may condense on the lens inside the unit. Should this occur, the unit will not operate. In this case, **remove the disc and leave the unit in a warm place for several hours until the moisture evaporates.**
- For the unit to operate at its best, it should not be subjected to temperatures below 5°C (41°F) or above 35°C (95°F).

## Notes on headphones

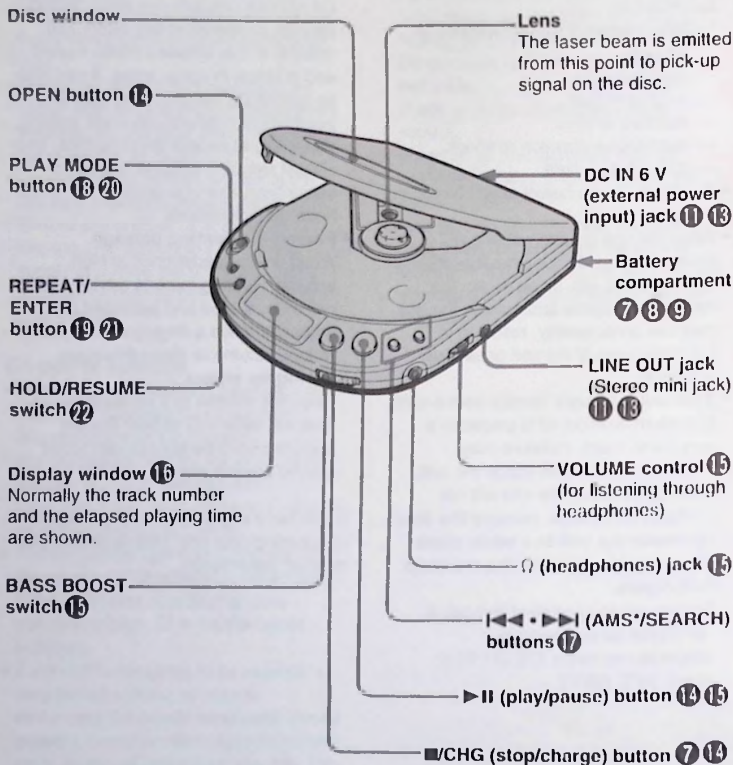
- **Road safety**  
Do not use headphones while driving, cycling, or operating any motorized vehicle. It may create a traffic hazard and is illegal in some areas. It can also be potentially dangerous to play your headsets at high volume while walking, especially at pedestrian crossings. You should exercise extreme caution or discontinue use in potentially hazardous situations.
- **Preventing hearing damage**  
Avoid using headphones at high volume. Hearing experts advise against continuous, loud and extended play. If you experience a ringing in your ears, reduce volume or discontinue use.
- **Caring for others**  
Keep the volume at a moderate level. This will allow you to hear outside sounds and to be considerate to the people around you.

If you have any questions or problems concerning your unit, please consult your nearest Sony dealer.



# Location and Function of Controls

See the pages in ● for more details.



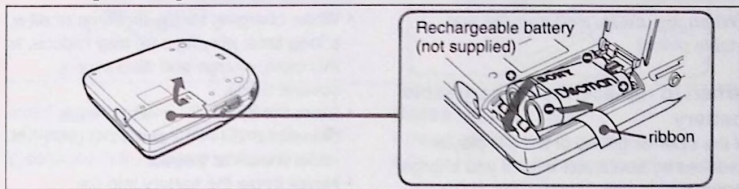
\* AMS is the abbreviation of Automatic Music Sensor.

# Power Sources

## Using with Rechargeable Battery (not supplied)

When using the rechargeable battery for the first time, make sure to charge it for 3 hours.

### Attaching rechargeable battery

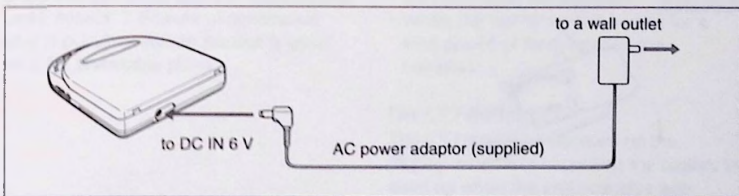


Insert the rechargeable battery, the side marked with "Sony Discman" facing up, according to the ⊕ and ⊖ indication in the battery compartment.

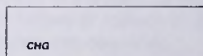
#### Note

Make sure to pull out the ribbon when you insert the rechargeable battery or alkaline batteries into the unit.

### To charge the battery



- 1 Insert the rechargeable battery and connect the supplied AC power adaptor when the unit is in the stop mode.
- 2 Press ■/CHG (stop/charge) button to start charging the battery. The "CHG" appears in the display window, and disappears when charging ends.
- 3 Disconnect the AC power adaptor.



## Power Sources

### Rechargeable battery life

The playing time of the CD player depends on the charging time as follows:

Charging time	Playing time
3 hours (completely charged)	approx. 2 hours.

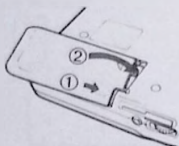
(When the unit is used on a flat and stable place)

### When to replace the rechargeable battery

If the operating time of the CD player reduces by about half even if you charge the rechargeable battery fully, replace it with a new BP-DM1 (optional).

### When the battery compartment lid is taken off

This lid may be taken off when pulled forcibly. If this happens, attach the lid as illustrated.

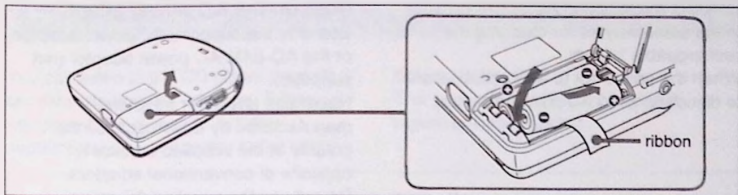


### Notes on the rechargeable battery (Ni-Cd battery)

- Be sure to use the supplied AC power adaptor.
- Remember to recharge the battery pack after every use. Leaving the rechargeable battery discharged may shorten its life.
- When charging for the first time or after a long time, playing time may reduce. In this case, charge and discharge it several times.
- Store the battery in a temperature between 5°C (41°F) and 35°C (95°F) to make it work at its best.
- Never throw the battery into fire.
- Never short-circuit the battery terminal.
- Do not disassemble the battery. If the electrolyte inside the battery should come into contact with cloth or skin, wash the contaminated objects with water immediately.



## Using with Batteries



Insert two size AA (LR6) alkaline batteries according to the  $\oplus$  and  $\ominus$  indications in the battery compartment.

### Note

Make sure to pull out the ribbon when you insert the rechargeable battery or alkaline batteries into the unit.


### Alkaline battery life

If two size AA (LR6) alkaline batteries are used, approx. 2.5 hours of continuous play is possible. (When the unit is used on a flat and stable place.)

### Notes on batteries

- Insert batteries with correct polarity.
- Do not use old batteries together with new ones or different types of batteries together.
- If the electrolyte inside the battery should leak, wipe the contaminated parts in the battery case with a cloth and replace the old batteries with new ones.
- Do not charge the batteries.
- When the unit is not to be used for a long period of time, remove the batteries.

### On indication

The  indication appears on the display window to show that the battery is used up when the unit operates with either the rechargeable battery or the alkaline batteries. The indicator flashes when the battery becomes weak and the operation automatically stops. Then, the indicator stays lit. In this case, charge the rechargeable battery or replace all the alkaline batteries with new ones.

### Using on House Current

Connect the supplied AC power adaptor in the same way as for charging the rechargeable battery.

When the unit is not to be used, be sure to disconnect the AC power adaptor.

#### **Note on the AC power adaptor**

Use only the supplied AC power adaptor or the AC-E4M AC power adaptor (not supplied).

Never use any other adaptors manufactured by Sony because the polarity of the supplied adaptor is opposite of conventional adaptors. Do not use the supplied AC power adaptor for other "Discman" CD compact players with DC IN 9 V jack, nor the optional AC power adaptor such as the AC-D6M.



Polarity of the plug  
(Unified polarity type)

# Various Ways of Using

Refer to the operating manual of each equipment for more details.

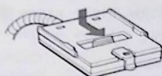
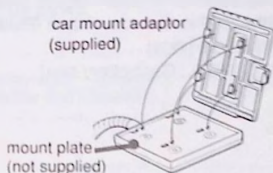
## Listening in a Car

You can listen to the CD player through a car cassette deck by using the following equipment. Be sure to attach the supplied car mount adaptor to the unit

before connection.

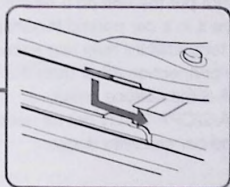
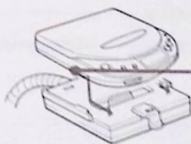
The power is supplied through the cigarette lighter socket.

- 1** Attach the supplied car mount adaptor to the mount plate CPM-200P/203P (not supplied).

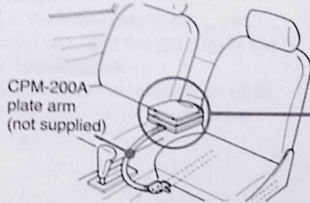


Slide in until it clicks.

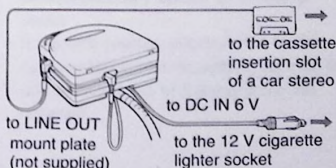
- 2** Install the player on the car mount adaptor attached on the mount plate.



- 3** Connect as illustrated.



CPA-2/CPA-3 car connecting pack (not supplied)



## Various Ways of Using

### To remove the DISCMAN

Slide the unit to the direction of the arrow ② while pressing the portion ①.



### When you turn off the engine

Even when the rechargeable battery or alkaline batteries are inserted in the unit, the unit stops operation when you turn off the engine of the car.

(Switched ignition function)

This function is not available with every model of the car. If not, press ■ button to stop operation.

### Notes

- Unplug the unit from the cigarette lighter socket when it is not being used. Otherwise, it may drain the car battery.
- Do not put the unit on a dashboard nor leave it in a car parked in sunlight since the temperature may rise excessively.
- Any connection other than the CPA-2/CPA-3 may cause noise.
- CPA-2/CPA-3 may not be used with some car cassette decks.

### Accessories for listening in a car (not supplied)

CPA-2/CPA-3: Car connecting pack

CPM-200A: Plate arm

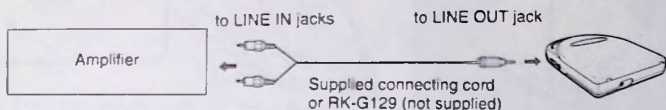
CPM-200P/CPM-203P: Mount plate

CPM-203PK: Car mount arm (Plate arm and mount plate)

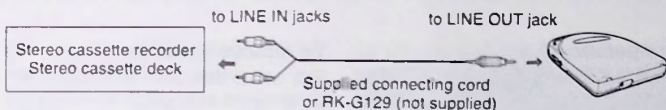
DCC-E160L: Car battery cord

## Connecting with Other Equipments

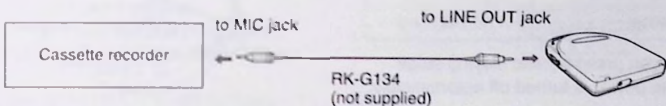
### To listen to the CD sound through speakers



### To record the CD sound using stereo cassette recorder, etc. with LINE IN jacks



### To record the CD sound using cassette recorder with MIC jack

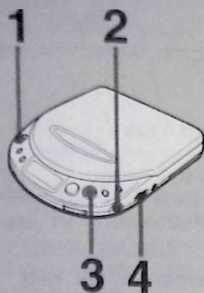


### Notes on connection

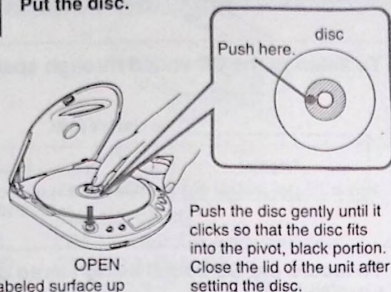
- Turn off each equipment before making connections.
- Plug in the white plug to the L (left channel) jack, and the red plug to the R (right channel) jack.
- Do not connect the output from LINE OUT with the PHONO jacks of the amplifier.
- Make sure to insert the plugs of the cable firmly into the jacks. A loose connection may cause a humming noise.
- If the unit causes interference to the radio or television reception, turn off the unit or move the unit away from the receiver.



# Disc Playing



## 1 Put the disc.



## Other operations

Operation	Button to be pressed
To pause	▶
To release the pause mode	▶
To stop	■

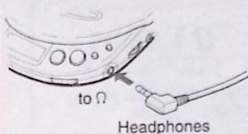
When you press ■, disc playing stops and the power is turned off automatically.

## To remove the disc

Pick up the disc, holding the edge, while pressing the pivot gently as illustrated.



## 2 Connect the supplied headphones.



## 3 Press ►II.



## 4 Adjust the volume.



### To play an 8 cm (3-inch) disc

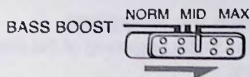
You can play it without an adaptor.

#### Notes

- If you press ►II with the disc inserted upside down, the indication "00" appears in the display window, and the sound does not come out. Press ■ to stop the disc playing and reinsert the disc with the label surface up.
- When the 12 cm CD which contains many selections is replaced with a disc with a few selections (such as CD single or CDV, etc.), it may take more than 10 sec. until play starts.

### To emphasize the bass sound (for listening through headphones)

Set the BASS BOOST switch according to the music. The bass sound is emphasized so that you can enjoy heavy and dynamic sound.



#### Notes

- The bass boost function may be reduced depending on the recording level or VOLUME control setting.
- Sound may be cracked or distorted if you set the volume too high. In this case, turn down the volume.

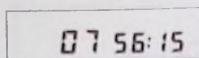
## On Display Window

### When you press ►II

(Make sure that the HOLD/RESUME switch is set to OFF.)

The number of the selections in the disc and the total playing time appear for 2 seconds.

Example

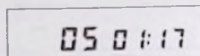


Number of the  
selections

Total playing  
time

### During the play

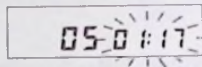
The track number and the elapsed playing time of the current selection appear.



1 min. 17 sec. has elapsed from the beginning of the fifth selection.

### During the pause

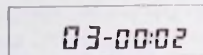
The elapsed playing time of the current point flashes.



Pause mode at the point 1 min. 17 sec. from the beginning of the fifth selection

### Between the selections

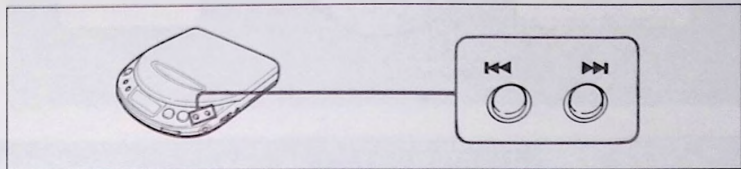
The time to the beginning of the next selection appears.



2 sec. to the beginning of the 3rd selection

## Locating a Particular Selection or Point

Particular selection or particular point can be located during play or pause.



### Locating a particular selection — AMS

To locate the beginning of the current selection	Press ⏮ shortly.
To locate the beginning of the next selection	Press ⏭ shortly.

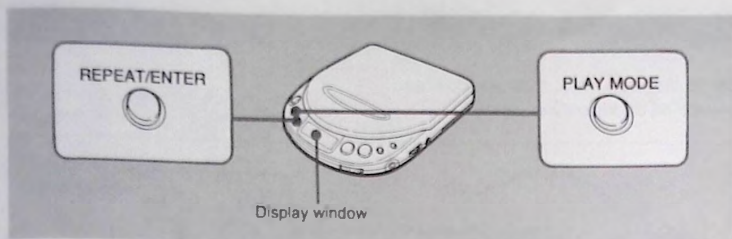
### Locating a particular point in a selection — SEARCH

To go back at high speed	Keep ⏮ depressed.
To go ahead at high speed	Keep ⏭ depressed.

#### Notes

- The player pauses at the beginning of the located selection when you press shortly ⏮ or ⏭ in the pause mode.
- Each time you press ⏮, the player locates the previous selection. Each time you press ⏭, the player locates the next selections and stops at the last selection.
- During the programed play, AMS operates in the programed order.
- While searching, the elapsed playing time appears in the display window.

# Various Playing Modes



REPEAT/ENTER button is not pressed		
	Display window	Play mode
		Playing the whole disc once — Normal play
<p>During the play</p> <p>PLAY MODE</p>		<p>Playing the first ten seconds of all the selections</p> <div> <p><b>To start playing</b> Press ►II.</p> <p>"INTRO" stops flashing and playing starts from the first selection.</p> </div>
<p>During the play</p> <p>PLAY MODE</p>		<p>Playing only one selection</p> <p>Plays one selection and stops at the end of the selection.</p>

(Continued on the next page.)



This unit has 10 playing modes.

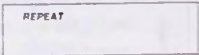
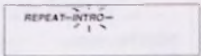
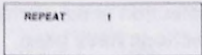
**To change the mode,** press the PLAY MODE button during play. The current mode appears in the display window.

**To play repeatedly,** press REPEAT/ENTER button.

"REPEAT" appears in the display window.


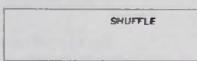

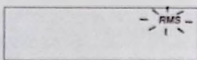
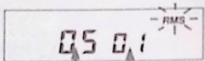
Press again to cancel the repeat play.

**To stop the disc,** press ■ button.

REPEAT/ENTER button is pressed		
	Display window	Play mode
		Repeats the whole disc.
		Plays the first ten seconds of all the selections again and again.
<p>When you find your desired selection, press ►   again. The currently played selection can be listened from that point to the end. (In REPEAT INTRO play, whole disc play repeats.)</p>		
		Plays a single selection repeatedly.

## Various Playing Modes

(Continued from preceding page)

During the play	REPEAT/ENTER button is not pressed	
	Display window	Play mode
 PLAY MODE		<b>Playing the selections in random order</b> <b>— Shuffle play</b> Shuffle play starts after the current selection.
 PLAY MODE  * RMS is the abbreviation of Random Music Sensor.		<b>Playing in the desired order — Program play (RMS)*</b>  <div data-bbox="699 615 1020 882"> <p><b>To start the program play</b></p> <p><b>1</b> Press <b>◀◀</b> or <b>▶▶</b> to select the desired selection. <span style="float: right;">Flashes</span></p>  <p>Track No. of the desired selection      The first selection</p> </div>

Press PLAY MODE button again to return to normal play mode.

### During shuffle play

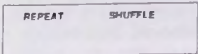
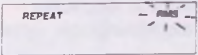
To locate the beginning of the selection being played: Press **◀◀**.

To locate the next selection: Press **▶▶**.

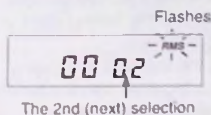
You cannot locate a previous selection even if you keep **◀◀** depressed.

### If another selection is memorized after 22 selections have been memorized

The first selection will be cleared and the new one will be memorized in its place.

REPEAT/ENTER button is pressed		
	Display window	Play mode
		Plays the selections in a random order repeatedly.
		Plays the selections in the desired order repeatedly.

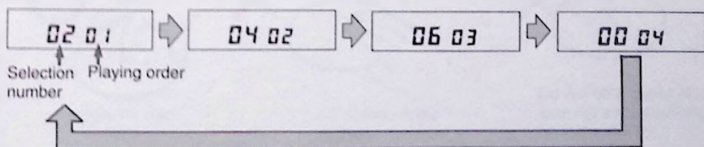
- 2** Press REPEAT/ENTER.
- 3** Repeat the steps 1 and 2 (up to 22 selections).
- 4** Press ►|| of the unit. "RMS" indication stops flashing and play starts.



## To Check the Contents of the Program during Programming

Press the REPEAT/ENTER button shortly during programming before pressing ►||.

Example: Selection number 2, 4 and 6 are programmed in order.



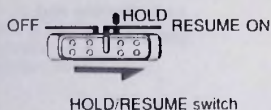
## Various Playing Modes

### To Play from Where You Have Stopped — Resume play function

You can resume the disc play from the point where you last pressed ■. To enter this mode, set the HOLD/RESUME switch to the center or right position. The resume function can be performed in any operation mode. (Refer to the table.)

#### The positions of the HOLD/RESUME switch

	1st (left)	2nd (center)	3rd (right)
RESUME	OFF	ON	ON
HOLD	OFF	OFF	ON



#### Locking the buttons

When you set the HOLD/RESUME switch to the direction of the arrow (right position), all the buttons will be locked to prevent an accidental pressing of buttons.

#### Notes

- If you open the lid after pressing the ■ button, the memory of the stopped position is removed, thus cancelling the resume function. The play starts from the first selection.
- Resume play may start at a point about 30 seconds behind or ahead the stopped point if you remove the batteries or the rechargeable battery.

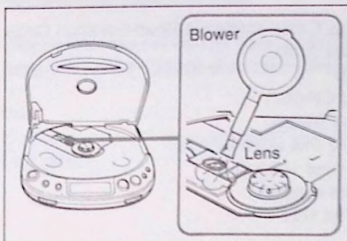
#### When using with the AC power adaptor or car battery

- When the power supply is stopped, the memory of the stopped position is removed. To avoid this, use the unit with the rechargeable battery pack or with alkaline batteries.
- When using the unit with an external power source together with the battery pack or alkaline batteries, the play stops when the power supply from the external power source is stopped. In this case the resume function works and the memory of stopped position is kept.

# Maintenance

## Cleaning the lens

If you have accidentally touched the lens with dirty fingers or if dust on the lens prevents the unit from operating properly, open the disc compartment lid and clean the lens with lens cleaning kit (KK-9, not supplied).



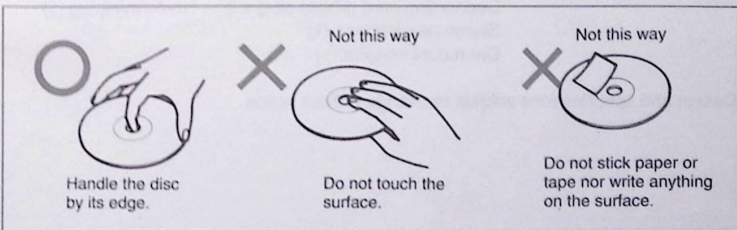
## Cleaning the headphone plug

Keep the plug of your headphones clean to obtain optimum sound. Wipe it with a dry, soft cloth.

## Cleaning the casing

Clean the casing with a soft cloth slightly moistened with water or a mild detergent solution. Do not use any type of abrasive pad, scouring powder or solvent such as alcohol or benzene as they may mar the finish of the casing.

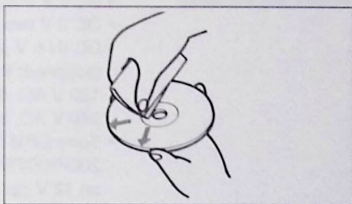
## Handling the disc



## Notes on compact discs

- Before playing, clean the disc with a cleaning cloth. Wipe the disc from the center out.
- Do not use solvents such as benzene, thinner, commercially available cleaners or anti-static spray intended for analog discs.
- Do not expose the disc to direct sunlight or heat sources such as hot air ducts, nor leave it in a car parked in direct sunlight as there can be a considerable rise in the temperature inside the car.
- After playing, store the disc in its case.

If there is a scratch, dirt or fingerprints on the disc, it may cause tracking error.





# Specifications

System	Compact disc digital audio system
Laser diode properties	Material: GaAlAs Wavelength: $\lambda = 780 \text{ nm}$ Emission duration: Continuous Laser output: Less than $44.6 \mu\text{W}$ (This output is the value measured at a distance of 200 mm from the objective lens surface on the Optical Pick-up Block.)
Error correction	Sony Super Strategy Cross Interleave Reed Solomon Code
D-A conversion	1-bit quartz time-axis control
Frequency response	20–20,000 Hz $\pm 1 \text{ dB}$ (measured by EIAJ CP-307)
Output (at 6 V input level)	Line output (stereo minijack) Output level 0.75 V rms at 50 kilohms Load impedance over 10 kilohms Headphones (stereo minijack) 15 mW + 15 mW at $16\Omega$
<b>General</b>	
Power requirements	<ul style="list-style-type: none"><li>• DC 2.4 V Rechargeable battery pack BP-DM1 (not supplied)</li><li>• DC 3 V two size AA (LR6) alkaline batteries (not supplied)</li><li>• DC IN 6 V jack accepts the Sony AC power adaptor (supplied) for use on:<ul style="list-style-type: none"><li>120 V AC, 60 Hz (in U.S.A.)</li><li>240 V AC, 50 Hz (in United Kingdom/Australia)</li></ul></li><li>• Sony CPM-200P/CPM-203P mount plate and CPM-200PK/CPM-203PK Car mount arm (not supplied) for use on 12 V car battery.</li></ul>
Power consumption	1.4 W DC
Dimensions	Approx. 132.3 x 30.3 x 150.8 mm ( $5\frac{1}{4}$ x $1\frac{1}{4}$ x 6 in.) (w/h/d) incl. projecting parts and controls
Weight	Approx. 340 g (12 oz.) incl. rechargeable battery
Supplied accessories	AC power adaptor (1) Connecting cord (phono plug x 2 ↔ stereo miniplug (1) Stereo headphones (1) Car mount adaptor (1)

Design and specifications subject to change without notice.

### **Accessories not supplied**

Plate arm CPM-200A

Mount plate CPM-200P/CPM-203P

Car mount arm CPM-200PK/CPM-203PK

Car connecting pack CPA-2/CPA-3

Car battery cord DCC-E160L

Active speaker system SRS-58

Rechargeable battery BP-DM1

Your dealer may not handle some of the above listed accessories. Please ask the dealer for detailed information about the accessories in your country.

### **Note**

This appliance conforms with EEC Directive 87/308 EEC regarding interference suppression.

# Troubleshooting Guide

Should any problem persist after you have made the following checks, consult your nearest Sony service facility.

Symptom	Cause and/or solution
Disc play does not start.	<ul style="list-style-type: none"><li>• The HOLD/RESUME switch is set to the direction of the arrow.</li><li>• The disc is inserted upside down or incorrectly. → Insert the disc correctly with the label surface up.</li><li>• Dusty or defective disc. (See page 23.)</li><li>• Dirty or dusty lens. (See page 23.)</li><li>• The disc compartment lid is not closed.</li><li>• Moisture condensation. → Leave the player in a warm place until the moisture evaporate.</li><li>• The AC power adaptor is not plugged into the wall outlet.</li><li>• The mount plate is not firmly connected to a cigarette lighter socket.</li><li>• The unit is not placed on a level surface.</li><li>• The rechargeable battery is inserted incorrectly. → Insert the battery with the side marked "Sony Discman" facing up.</li><li>• Weak rechargeable battery (See page 9.)</li><li>• The ribbon is caught between the battery/rechargeable battery and the battery terminal.</li></ul>
No sound from the headphones.	<ul style="list-style-type: none"><li>• The headphones plug is not firmly connected to the <math>\Omega</math> jack.</li><li>• Adjust the VOLUME control.</li><li>• Dirty plug.</li></ul>
No sound from the connected speakers.	<ul style="list-style-type: none"><li>• Check the connections.</li><li>• The amplifier is not turned on.</li><li>• Connect the speakers correctly.</li></ul>
Skipping of sound	<ul style="list-style-type: none"><li>• Dirty or defective disc.</li><li>• Dirty lens.</li><li>• Strong vibration.</li></ul>
Charging not possible	<ul style="list-style-type: none"><li>• Insert the rechargeable battery with the side marked "Sony Discman" facing up.</li><li>• Check if the ribbon is caught between the rechargeable battery and the battery terminal.</li></ul>



1. Name of the company	2. Address of the company
3. Name of the person in charge	4. Position of the person in charge
5. Date of the report	6. Period of the report
7. Title of the report	8. Summary of the report
9. Objectives of the report	10. Method of the report
11. Results of the report	12. Conclusion of the report
13. Recommendations of the report	14. Other matters
15. Signature of the person in charge	16. Seal of the company
17. Date of the signature	18. Place of the signature
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